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OCT 09 2006

From the Desk of
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FACSIMILE TRANSMISSION COVER SHEET

DATE: October 9, 2006

TO: Examiner Brian J. Sines
 Group Art Unit 1743
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

RE: U.S. Patent Application No. 09/752,656
 For: SENSORS WITH IMPROVED PROPERTIES
Our Ref.: 00140 (3600-333)

FROM: Luke A. Kilyk, Esq.²²

FAC. TEL. NO.: 1-571-273-8300

NUMBER OF PAGES (INCLUDING THIS COVER SHEET): 4

Items Attached: Notice of Appeal -- 1 page
 Petition for 3-month Extension of Time -- 1 page
 Fee Transmittal -- 1 page

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. 1-571-273-8300 on October 9, 2006.

Kim Blum
 Name (Print)


 Signature

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OCT 09 2006

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL
for FY 2006

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1,520.00)

Complete if Known

| | |
|----------------------|-------------------|
| Application Number | 09/752,656 |
| Filing Date | December 29, 2000 |
| First Named Inventor | MUNOZ et al. |
| Examiner Name | Brian J. Sines |
| Art Unit | 1743 |
| Attorney Docket No. | 00140 (3600-333) |

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None Deposit Account

| | |
|------------------------|-------------------|
| Deposit Account Number | 03-0060 |
| Deposit Account Name | Cabot Corporation |

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|--------------|--------------|---------------|---------------|------------------------|----------|
| 1011 | 300 | 2011 | 150 | Utility filing fee | |
| 1012 | 200 | 2012 | 100 | Design filing fee | |
| 1013 | 200 | 2013 | 100 | Plant filing fee | |
| 1014 | 300 | 2014 | 150 | Reissue filing fee | |
| 1005 | 200 | 2005 | 100 | Provisional filing fee | |

SUBTOTAL (1) (\$ 0.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Extra Claims | Fee from below | Fee Paid |
|--------------------|----------------|---------------|
| Total Claims | -20**= | X 0.00 = 0.00 |
| Independent Claims | -3**= | X 0.00 = 0.00 |

Multiple Dependent

| Large Entity | Small Entity | Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|--------------|--------------|---------------|---------------|---|----------|
| 1202 | 20 | 2202 | 25 | Claims in excess of 20 | |
| 1201 | 200 | 2201 | 100 | Independent claims in excess of 3 | |
| 1203 | 360 | 2203 | 180 | Multiple dependent claim, if not paid | |
| 1204 | 200 | 2204 | 100 | **Reissue independent claims over original patent | |
| 1205 | 50 | 2205 | 25 | **Reissue claims in excess of 20 and over original patent | |

SUBTOTAL (2) (\$ 0.00)

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|----------|----------|--|----------|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 120 | 2251 | 60 | Extension for reply within first month | |
| 1252 | 450 | 2252 | 225 | Extension for reply within second month | |
| 1253 | 1020 | 2253 | 510 | Extension for reply within third month | 1,020.00 |
| 1254 | 1590 | 2254 | 795 | Extension for reply within fourth month | |
| 1255 | 2160 | 2255 | 1080 | Extension for reply within fifth month | |
| 1401 | 500 | 2401 | 250 | Notice of Appeal | 500.00 |
| 1402 | 500 | 2402 | 250 | Filing a brief in support of an appeal | |
| 1403 | 1000 | 2403 | 500 | Request for oral hearing | |
| 1451 | 1510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 500 | 2452 | 250 | Petition to revive - unavoidable | |
| 1453 | 1500 | 2453 | 750 | Petition to revive - unintentional | |
| 1501 | 1400 | 2501 | 700 | Utility issue fee (or reissue) | |
| 1502 | 800 | 2502 | 400 | Design issue fee | |
| 1503 | 1100 | 2503 | 550 | Plant issue fee | |
| 1460 | 130 | 1480 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee for provisional applications | |
| 1808 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 790 | 2809 | 395 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 790 | 2810 | 395 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 790 | 2801 | 395 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination or of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 1,520.00)

Complete if applicable

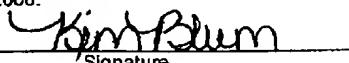
| SUBMITTED BY | Signature | Registration No. (Attorney/Agent) | 33,251 | Telephone | 1-540-428-1701 |
|-------------------|---------------|-----------------------------------|--------|-----------|-----------------|
| Name (Print/Type) | Luke A. Kilyk | | | Date | October 9, 2006 |

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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Kim Blum
Name (Print)


Signature